

CI

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



- 1 ELEK KINDER IN BELIN KER BERK BURK BERK BURK IN BERK BURK BURK BURK BURK BERK BURK BURK BURK BURK BURK BUR

(43) International Publication Date 9 June 2005 (09.06.2005)

PCT

(10) International Publication Number WO 2005/052069 A3

- (51) International Patent Classification7: C09C 1/26, 1/00
- (21) International Application Number:

PCT/GB2004/004506

- (22) International Filing Date: 25 October 2004 (25.10.2004)
- (25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data: 0325475.2

31 October 2003 (31.10.2003) GB

- (71) Applicant (for all designated States except US): HOLL-IDAY PIGMENTS LIMITED [GB/GB]; Morley Street, Kingston Upon Hull HU8 8DN (GB).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): THAMBY, Subramaniam, Balasubaramaniam, Kathirgamathamby [GB/GB]; 96/98 Heaton Road, Paddock, Huddersfield, West Yorkshire HD1 4JJ (GB). CALVERT, David, John [GB/GB]; 1 Old Chapel Close, Long Riston, Kingston Upon Hill, East Yorkshire HU11 5LA (GB).
- (74) Agent: URQUHART-DYKES & LORD LLP; Tower North Central, Merrion Way, Leeds LS2 8PA (GB).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM,

AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments
- (88) Date of publication of the international search report: 4 August 2005

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: HYBRIDISED PIGMENT

(57) Abstract: The present invention relates to a method of making a pigment composition, comprising the step of making a pigment selected from: (i) a ferrocyanide derivative substituted with one or more cationic dye groups in the presence of a suspension of a zeolite pigment in an acidified solution; and (ii) a derivative of a complex acid selected from the group consisting of: silicomolybdate, phosphotungstate, phosphotungstomolybdate and mixtures thereof substituted with one or more cationic dye groups, in the presence of a suspension of a zeolite pigment in an acidified solution.

